Please add the following paragraph after the paragraph ending on page 14 line 21:

--For example, Figure 9 is a three-dimensional view of a simplified version of the polarization plate shown in Figure 8. For clarity, only one set of tapered areas leading to the slit shown in Figure 8 is depicted. It is to be understood that two sets of tapered areas may be provided on each side of the polarization plate. The polarization plate 910 is shown with one waveguide section 931 on one side of the polarization plate and another waveguide section 941 shown on the opposite side of the polarization plate. Typically, the waveguides 931 and 941 are either cross-polarized or co-polarized with respect to each other. It is to be understood that in operation, the waveguide sections would be joined with the polarization plate as discussed elsewhere in the application. The slit 901 through the polarization plate is shown with the tapered areas 920 and 921, which correspond to the tapered areas 820 and 821 depicted in Figure 8. As previously discussed, the tapered areas 920 and 921 may provide a more subtle transition in polarization between the waveguide 931 and the slit 901--

Please replace the paragraph which bridges pages 10 and 11 with the following paragraph:

--However, it should be appreciated that due to the characteristics of horn antenna 520 being asymmetric with respect to the axes of Arrow A and Arrow B, rotation of the antenna to provide orthogonal polarization may provide undesired results, such as unacceptable side lobes in one orientation or undesired beam width or height in one of the

other orientations. Accordingly, a preferred embodiment of the present invention utilizes an orthogonally polarized antenna such as shown in FIGURE 5B in order to provide dual polarization wherein the antenna beams for each such polarization are substantially similar. Accordingly, wave guide portion 511 consistent with the polarization of antenna 521 is disposed in mounting plate 510 in an orientation orthogonal to that of wave guide portion 501 of FIGURE 5A. Therefore, by placing face 512 of mounting plate 500 in juxtaposition with face 402 of polarization plate 400 such that arrow A is in the vertical orientation horizontal polarization may be realized.--

In the Drawings:

Please add FIGURE 9 to the application.

In the Claims:

Please cancel Claims 1-39 without prejudice.

Please add the following new Claims:

-- 40. (New) A system for coupling a first signal path to a second signal path so as to allow a signal propagating in said first path with a first polarization to propagate in said second path with a second polarization, comprising:

means for coupling said first and second paths including means for rotating the polarization of the signal in a plurality of increments from said first polarization to said second polarization.

41. (New) The system of Claim 40 wherein said plurality of increments is two.